

32692

Customer Number

Patent  
Case No.: 59348US002

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

First Named Inventor: CARLSON, DANIEL H.

Patent No.: 6985789 Group Art Unit: 2125

Dated: January 10, 2006 Examiner: Ryan A. Jarrett

Title: REAL-TIME DETERMINATION OF WEB TENSION AND CONTROL USING  
POSITION SENSORS

**REQUEST FOR CERTIFICATE OF CORRECTION UNDER 37 CFR § 1.322 1.323**

Commissioner for Patents  
Office of Publication  
Attn: Certificate of Correction Branch  
P.O. Box 1450  
Alexandria, VA 22313-1450

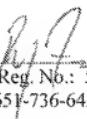
Dear Sir:

It is respectfully requested that a Certificate of Correction be issued in connection with the above-identified patent. The required text is submitted on the attached form.

Because the listed errors first occurred in the printed patent, and are not due to Applicant's mistake, no fee is required in connection with this Certificate of Correction.

Respectfully submitted,

\_\_\_\_\_  
May 12, 2006  
Date

By: \_\_\_\_\_  
  
Rick L. Franzen, Reg. No.: 51,702  
Telephone No.: 651-736-6432

Office of Intellectual Property Counsel  
3M Innovative Properties Company  
Facsimile No.: 651-736-3833

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

Page 1 of 2

PATENT NO.: 6985789  
DATED: January 10, 2006  
FIRST NAMED INVENTOR: CARLSON, DANIEL H.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Front Page - under References Cited, U.S. Patent Documents, please add --  
4,736,900 04-12-1988 Okamura --

Column 1 - Line 13 - After "film" insert --, --.

Column 2 - Line 1 - Delete "strategy," and insert -- strategy; --, therefor.

Column 2 - Line 49 - Delete "systems," and insert -- sensors, --, therefor.

Column 2 - Line 57 - Delete "configuration" and insert -- configurations --, therefor.

Column 5 - Line 21 - Delete "generally" and insert -- general --, therefor.

Column 5 - Line 26 - Delete "communication" and insert -- communications --, therefor.

Column 9 - Line 50 - Delete  $\times L_T = \{V_1 \Delta t(1-\epsilon_1)\} - \{V_2 \Delta t(1-\epsilon_2)\} + \{L_{ex}(1-\epsilon_3)\}$ . -- and  
 $L_T = \{V_1 \Delta t(1-\epsilon_1)\} - \{V_2 \Delta t(1-\epsilon_2)\} + \{L_{ex}(1-\epsilon_3)\}$ . --, therefor.  
insert -- --, therefor.

Column 10 - Line 4 - After "time-variant" insert -- system --.

Column 11 - Line 15 - Delete "t<sub>i</sub>." And insert -- t<sub>i</sub>, --, therefor.

Column 11 - Line 19 (Approx.) - Delete "limitative" and insert -- iterative --, therefor.

MAILING ADDRESS OF SENDER:

PATENT NO. 6985789

**OFFICE OF INTELLECTUAL PROPERTY COUNSEL  
3M INNOVATIVE PROPERTIES COMPANY  
3M CENTER - P.O. BOX 33427  
SAINT PAUL, MINNESOTA 55133-3427**

No. of add'l copies: ..0..  
@ 50¢ per page

No add'l copies

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

Page 2 of 2

PATENT NO.: 6985789

DATED: January 10, 2006

FIRST NAMED INVENTOR: CARLSON, DANIEL H.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 13 – Line 17 - In Claim 5, after "claim 4" insert --, --.

Column 13 – Line 58 - In Claim 9, delete "claim 1," and insert -- claim 4,  
--, therefor.

Column 13 – Line 64 - In Claim 10, delete "the second" and insert -- a second  
--, therefor.

Column 14 – Line 39 -In Claim 13, after "material" delete ",".

Column 14 – Line 57 - In Claim 14, delete "claim 12," and insert -- claim 13, --, therefor.

Column 16 – Line 64 - In Claim 32, delete "by;" and insert -- by: --, therefor.

MAILING ADDRESS OF SENDER:

PATENT NO. 6985789

**OFFICE OF INTELLECTUAL PROPERTY COUNSEL**  
**3M INNOVATIVE PROPERTIES COMPANY**  
3M CENTER - P.O. BOX 33427  
SAINT PAUL, MINNESOTA 55133-3427

No. of add'l copies: 0  
@ 50¢ per page

No add'l copies